Submittal Page
Model: Magnum 16 SEER
EMC181J-CMC181J

Job name: ________________________________
Location: ________________________________
Engineer: ________________________________
Submitted to: ____________________________
Submitted by: ____________________________
Reference: ______________________________

Approval: ______________________________
Date: _________________________________
Construction: __________________________
Unit #: ________________________________
Drawing #: ____________________________

Outdoor Unit Power
- 230 V - 1 Ph - 60 Hz
- Available Voltage Range: 208 - 230VAC
- Fuse Size: Max 20A, MCA 8.7 A

Compressor
- Automatic Adjustable Speed/ Rotary
- No. Used: 1
- Output: 1440 W
- Lubricant Oil: R32
- Fan type: Axial flow
- Diameter: 20.4"
- Motor Output: 60 W
- Airflow rate Cooling/Heating (high): 1.883 cfm

Refrigerant: R410A
- Outdoor unit: 3.08 lb
- O.D. Discharge: 1/4"
- O.D. Suction: 1/2"

Dimensions
- Unrated: 37.6 x 27.5 x 15.6
- Crated: 40.5 x 29.52 x 18.03

Weight
- Net: 95.9 lbs 43.5 kg
- Gross Shipping: 105.8 lbs 48 kg

Cooling
- Rated Capacity: 16000 BTU/h
- Max/Min Capacity: 20000 - 71000 BTU/h
- Rated Power Input: 1800 W
- Max Power Input: 2600 W
- SEER: 16 BTU/Wh
- Outdoor Sound Rating: 65 dB

Heating
- Rated Capacity: 18000 BTU/h
- Max/Min Capacity: 23400 - 73000 BTU/h
- Rated Power Input: 2600 W
- Max Power Input: 2600 W
- HSPF: 9 BTU/Wh
- Outdoor Sound Rating: 65 dB

Piping Lengths
- Max. Piping Length (Total): 82 ft
- Max. Pipe Height Difference: 32.5 ft
- Connection method: Flared

Ambient temperature operating range
- Cooling: -18 to 46 °F
- Heating: -4 to 75 °F

Note: Specifications are based on the following conditions.
- Power source of specifications: 230V
- Cooling: Indoor temperature of 80°F(26.67°C)/DB / 67°F(19.44°C)/WB, and outdoor temperature of 95°F(35°C)/DB/75°F(23.89°C)/WB
- Heating: Indoor temperature of 70°F(21.11°C)/DB / 60°F(15.56°C)/WB, and outdoor temperature of 47°F(8.33°C)/DB/43°F(6.11°C)/WB
- Pipe length : 16ft. Sin (5m), Height difference : 0 ft (0m) [Outdoor unit - Indoor unit]
**Submittal Page**

**Model: Magnum 16 SEER**

EMC181J-CMC181J

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### INDOOR UNIT

<table>
<thead>
<tr>
<th>Model</th>
<th>EMC181J-CMC181J</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>230 V - 1 Ph - 60 Hz</td>
</tr>
<tr>
<td><strong>Available Voltage Range</strong></td>
<td>208 - 230VAC</td>
</tr>
<tr>
<td><strong>Fan</strong></td>
<td>Cross-flow</td>
</tr>
<tr>
<td><strong>Motor Output</strong></td>
<td>30 W</td>
</tr>
<tr>
<td><strong>MCA</strong></td>
<td>0.32 A</td>
</tr>
<tr>
<td><strong>Cooling Speed Hi-Lo</strong></td>
<td>1350 - 900 rpm</td>
</tr>
<tr>
<td><strong>Heating Speed Hi-Lo</strong></td>
<td>1300 - 900 rpm</td>
</tr>
<tr>
<td><strong>Sound pressure level</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Cooling (low)</strong></td>
<td>35 dB</td>
</tr>
<tr>
<td><strong>Heating (low)</strong></td>
<td>35 dB</td>
</tr>
<tr>
<td><strong>Airflow rate</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Cooling Lo-Hi</strong></td>
<td>282 - 471 CFM</td>
</tr>
<tr>
<td><strong>Heating Lo-Hi</strong></td>
<td>282 - 471 CFM</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>W x H x D</td>
</tr>
<tr>
<td><strong>Uncrated (in)</strong></td>
<td>38.18 x 11.81 x 8.81</td>
</tr>
<tr>
<td><strong>(mm)</strong></td>
<td>970 x 300 x 224</td>
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<tr>
<td><strong>Crated (in)</strong></td>
<td>40.96 x 15.08 x 12.55</td>
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<tr>
<td><strong>(mm)</strong></td>
<td>1041 x 383 x 320</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Net</strong></td>
<td>29.7 lbs 13.5 kg</td>
</tr>
<tr>
<td><strong>Gross Shipping</strong></td>
<td>36.4 lbs 16.5 kg</td>
</tr>
</tbody>
</table>

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**MAGNUM INVERTER 16**

**R410a Refrigerant**

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Mirage products are subject to continuous improvements. Mirage reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations.

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